



U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

FEB 09 1982

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

OPM 5513

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 24600 South Main Street, Carson, California		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Turco 657	
CHEMICAL FAMILY	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Methylene chloride				More than 85	250PPM
Isopropanol alcohol				Less than 10	400PPM
Other ingredients not defined as hazardous by U.S. Dept. of Labor					
Carcinogens				None	

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	98	SPECIFIC GRAVITY (H ₂ O = 1)	1.235
VAPOR PRESSURE (mm Hg.)	20°C	380mm	PERCENT VOLATILE BY VOLUME (%) 99+
VAPOR DENSITY (AIR = 1)	Approx.	3	EVAPORATION RATE (butyl acetate) Approx. 14
SOLUBILITY IN WATER	Moderate		

APPEARANCE AND ODOR Clear colorless liquid-chlorinated hydrocarbon odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	None	FLAMMABLE LIMITS	LeI	Uel
		unknown		
EXTINGUISHING MEDIA	Carbon dioxide, dry chemical, foam			

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

Thermal decomposition may produce toxic oxides of chlorine

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Inhalation; narcosis, loss of coordination. Ingestion; dizziness, headache, nausea. Skin & eye; defatting action, painful irritation to eyes.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation; remove to fresh air. Ingestion; cause vomiting by warm salt water or soapy water. Skin & eyes; flush with water for at least 15 min. obtain medical attention.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents - open flames

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic oxides of chlorine

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush to sewer with water

WASTE DISPOSAL METHOD

As for chlorinated hydrocarbons

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Fresh air mask

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (GENERAL)	X	OTHER

PROTECTIVE GLOVES

yes

EYE PROTECTION

goggles

OTHER PROTECTIVE EQUIPMENT

aprons

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in closed containers at temperatures between 20° and 100°F. Use with adequate ventilation

OTHER PRECAUTIONS

Open cautiously to avoid spurting

George A. Yager
PREPARED BY

7/31/74
DATE